

In the Claims:

Please amend claims 1-7, 9-14 and 16. The status of the claims is as follows:

1. (Currently Amended) A write processing method for stream type commands for writing write data to a storage medium by a head according to the stream type command, comprising the steps of:

writing received write data of said stream type commands to a buffer;

writing the write data of said buffer sequentially to sectors of said storage medium by said head while confirming whether the writing succeeded;

skipping a sector where said writing did not succeed in said writing step;

protecting the write data in for the sector where writing did not succeed by in said buffer; and

retry writing the write data of said ~~protected~~ skipped sector protected in said buffer to said storage medium by said head skipped sector after said stream type commands are executed.

2. (Currently Amended) The write processing method for stream type commands according to Claim 1, further comprising a step of restarting the write processing of said head after stopping the write processing to said storage medium when said writing to said skipped sector did not succeed.

3. (Currently Amended) The write processing method for stream type commands according to Claim 2, wherein said protecting step further comprises a step of protecting the write data of ~~the sector where said writing did not succeed and the~~ at least one subsequent sector for which writing was skipped after stopping the write processing until-restart said restarting of the write processing.

4. (Currently Amended) The write processing method for stream type commands according to Claim 1, wherein said step of retry writing the write data of said ~~protected~~ skipped sector comprises a step of enabling a predetermined number of times of retries ~~when the writing of said write data did not succeed~~ to said skipped sector.

5. (Currently Amended) The write processing method for stream type commands according to Claim 1, wherein said protecting step further comprises a step of storing ~~the~~ a count number of said skipped sector where said writing did not succeed and the address of said buffer of the write data of said skipped sector in a protect table.

6. (Currently Amended) The write processing method for stream type commands according to Claim 5, wherein the step of writing the write data of said ~~protected~~ skipped sector comprises a step of writing the write data of said buffer in reference to said protect table.

7. (Currently Amended) The write processing method for stream type commands according to Claim 3, wherein said protecting step further comprises:

a step of calculating ~~the shortest start sector~~ a number of said at least one subsequent sector in terms of the time up to said restart after said write processing is stopped; and

a step of protecting the write data of ~~the sector where said writing did not succeed and the sector~~ said at least one subsequent sector where writing was skipped up to said restart obtained from said calculation result.

8. (Original) The write processing method for stream type commands according to Claim 1, wherein said storage medium comprises a rotating disk medium.

9. (Currently Amended) The write processing method for stream type commands according to Claim 1, wherein said protecting step further comprises a step of recognizing that said command is said stream type command and executing said ~~protection~~ protecting step when said writing did not succeed.

10. (Currently Amended) A medium storage apparatus for writing data to a storage medium by a head comprising:

a buffer for storing write data received along with stream type commands;

a controller for sequentially writing the write data of said buffer to sectors of said storage medium by said head; and

a processing unit for confirming whether said writing succeeded, ~~and~~ skipping a sector where said writing did not succeed, and protecting the write data of said

~~skipped sector where writing did not succeed by~~ in said buffer when said writing did not succeed,

wherein said processing unit ~~writes~~ retries writing the write data of said ~~protected~~ skipped sector to said ~~storage medium~~ skipped sector by said head after executing said stream type commands.

11. (Currently Amended) The medium storage apparatus according to Claim 10, wherein when said writing did not succeed, said processing unit restarts ~~the write processing of~~ writing the write data by said head after ~~the write processing~~ writing to said storage medium is stopped.

12. (Currently Amended) The medium storage apparatus according to Claim 11, wherein said processing unit protects the write data of ~~the sector where said writing did not succeed and the~~ at least one subsequent sector for which writing was skipped after stopping the writing until restart the restart of the writing.

13. (Currently Amended) The medium storage apparatus according to Claim 10, wherein said processing unit allows a predetermined number of ~~times of~~ retries when the writing of said write data did not succeed when the write data of said protected sector is ~~written to~~ said skipped sector.

14. (Currently Amended) The medium storage apparatus according to Claim 10, wherein said processing unit stores ~~the~~ a count number of said skipped sector

~~where said writing did not succeed~~ and the address of said buffer of the write data of said skipped sector in a protect table.

15. (Original) The medium storage apparatus according to Claim 14, wherein said processing unit writes the write data of said buffer in reference to said protect table.

16. (Currently Amended) The medium storage apparatus according to Claim 12, wherein said processing unit calculates ~~the shortest start sector~~ a number of said at least of subsequent sector in terms of the time up to said restart after said ~~write processing~~ writing is stopped, and protects the write data of the sector where said writing did not succeed and the at least one subsequent sector for which writing was skipped up to said restart obtained from said calculation result.

17. (Original) The medium storage apparatus according to Claim 10, wherein said storage medium is a rotating disk medium.

18. (Currently Amended) The medium storage apparatus according to Claim 10, wherein said processing unit recognizes that said command is said stream type ~~command and executes said protection when said writing did not succeed.~~